

**From:** [Kirby](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Comment on the list of candidates for the EPA's CASAC  
**Date:** Thursday, August 31, 2017 11:23:39 AM

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August 31, 2017

Dear Mr. Yeow:

Please register the following Comment on the list of candidates for the Environmental Protection Agency's Clean Air Scientific Advisory Committee:


Given the behavior of the Environmental Protection Agency during previous Presidential Administrations, culminating in the Gold King Mine disaster in 2015, change is clearly needed.

It is my contention that the new CASAC member should have no current ties to institutions of higher learning, no current or recent dependency on federal grants, and have demonstrated success in the private sector. Thus candidates employed or retained by academic institutions should be disqualified.

CASAC has been accused of inflating its estimates of the benefits of its recommendations (see, *e.g.*, *Energy & Environment Legal Institute v. EPA* cv: 16-915). For this reason, persons with experience in statistical analyses should be afforded additional consideration.

Thank you for your attention.

Sincerely,  
Kerwin Dunsmore  
(b) (6)



**From:** [John Droz](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Endorsement  
**Date:** Tuesday, September 05, 2017 8:40:46 AM

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Aaron:

I'm submitting a recommendation for a candidate applying for the EPA CASAC Advisory Board.

I'm an independent physicist who has been actively involved with environmental and energy matters for over 40 years. Over that period, I have worked with literally hundreds of scientists and experts in a wide variety of fields.

I've interfaced with Dr. Stan Young on multiple issues, and have read many of his published works. I've found him to be conscientious, competent, and conservative. *[BTW, when I say "conservative" I mean that he works from data and methods, not ideology.]*

You can read his CV for his qualifications, but it seems to me that if nothing else his background in statistical analysis (e.g. at NISS) would be an invaluable addition to the CASAC Advisory Board. These days many claims are based on probability, so having a statistical expert on the Advisory Board would be extremely beneficial.

I would give an unqualified endorsement of Dr. Young, and would be glad to elaborate if more details are desired.

Sincerely,

John Droz, jr.  
physicist  
Morehead City, NC

**From:** [Christopher A. Yarosh](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Inquiry  
**Date:** Tuesday, September 05, 2017 10:44:23 AM

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Mr. Yeow:

Thank you for posting the list of candidates for the Clean Air Scientific Advisory Committee. I have a question about the requirements for the position. In the original *FR* notice, and in the introduction to the list, it is stated that candidates should be “physicians and members of the National Academy of Sciences with expertise in the health effects of air pollution.” Are these absolute requirements—must the person or persons selected fit both of these criteria?

Best,

Chris

**Christopher Yarosh, Ph.D.**  
Science Policy Fellow | External Affairs & Communications  
Office of the Secretary and General Counsel  
1155 16th St., NW | Washington | DC 20036 | USA  
T +1 202-872-6274 | F +1 202-872-6206  
[www.acs.org](http://www.acs.org)

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**ACS Chemistry for Life**  
American Chemical Society

**From:** [Yeow, Aaron](#)  
**To:** [Christopher A. Yarosh](#)  
**Subject:** RE: CASAC Inquiry  
**Date:** Tuesday, September 05, 2017 11:23:00 AM

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The requirements for CASAC membership are that it be composed of 7 members, with at least one member of the National Academy of Sciences, one physician, and one person representing state air pollution control agencies.

We were soliciting for physicians and members of NAS, but the List of Candidates consists of all interested nominees.

-Aaron

Aaron Yeow, M.P.H.  
Designated Federal Officer  
U.S. Environmental Protection Agency  
Science Advisory Board  
202-564-2050 (P)  
202-565-2098 (F)

Mailing Address:  
USEPA, 1200 Pennsylvania Avenue, NW, (1400R), Washington, DC 20460

Physical Location/Deliveries:  
1300 Pennsylvania Avenue, NW, Suite 31150, Washington, DC 20004

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**From:** Christopher A. Yarosh [mailto:C\_Yarosh@acs.org]  
**Sent:** Tuesday, September 05, 2017 10:43 AM  
**To:** Yeow, Aaron <Yeow.Aaron@epa.gov>  
**Subject:** CASAC Inquiry

Mr. Yeow:

Thank you for posting the list of candidates for the Clean Air Scientific Advisory Committee. I have a question about the requirements for the position. In the original *FR* notice, and in the introduction to the list, it is stated that candidates should be “physicians and members of the National Academy of Sciences with expertise in the health effects of air pollution.” Are these absolute requirements—must the person or persons selected fit both of these criteria?

Best,

Chris

**Christopher Yarosh, Ph.D.**  
Science Policy Fellow | External Affairs & Communications

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[www.acs.org](http://www.acs.org)

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**ACS Chemistry for Life**  
American Chemical Society

**From:** [Steve Milloy](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Stan Young CASAC  
**Date:** Friday, September 08, 2017 8:45:57 AM

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Mr. Yeow,

I am writing to recommend Dr. Stan Young to serve on CASAC.

I have known Dr. Young for many years. He is a world-class statistician having served many years at the National Institute for Statistical Sciences and having published numerous outstanding papers. His statistics expertise is unparalleled.

A number of Dr. Young's recent papers are air quality-related, including [the best-conducted and most innovative epidemiologic study on PM2.5 and mortality ever conducted](#).

Dr Young is thoroughly familiar with current key air quality science issues and controversies. He would make an excellent choice for CASAC, especially as over recent years CASAC has become an extremely unbalanced and biased body of EPA-funded cronies — i.e., “pal” review vs. peer review.

Dr. Young would help restore CASAC to what it's supposed to be — and independent federal advisory committee.

Sincerely,

Steve Milloy  
Publisher, [JunkScience.com](#)

**From:** [Shawn Garner](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Re: Clean Air Scientific Advisory Committee  
**Date:** Friday, September 08, 2017 11:44:47 AM

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Mr. Yeow,

I understand the public is welcome to comment on the new advisors to CASAC. Please consider my opinions below.

For:  
Tony Cox  
Robert F. Phalen  
Stan Young

Against:

George A. Allen — Conflict of interest (\$3,907,111 in EPA grants).  
John R. Balmes. — Conflict of interest (\$5,857,626 in EPA grants).  
Ana Diez Roux — Conflict of interest (\$34,900,315 in EPA grants).  
Mark Frampton — Conflict of interest (\$17,447,566 in EPA grants).  
Rob McConnell — Conflict of interest (\$19,561,006 in EPA grants).  
Beate Ritz — Conflict of interest (\$14,215,263 in EPA grants).  
Armistead (Ted) Russell — Conflict of interest (\$22,309,779).  
George Thurston — Conflict of interest (\$10,795,914).  
Scott Zeger — Conflict of interest (\$9,526,921 in EPA grants).

**From:** [Cyril Gostich](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Recommendation  
**Date:** Friday, September 08, 2017 12:21:48 PM

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Dear Mr Yeow,

I would like to respectfully submit the name of Dr Robert F Phalen for a position as a member of the CASAC.

Sincerely,

Dr Cyril M Gostich

Dr Cyril M Gostich Imperial Valley Podiatry Associates, Inc. 1503 N Imperial Ave #105 El Centro, CA  
92243 760-337-2800 fax 760-337-9099



**From:** [pienergy2008@gmail.com](mailto:pienergy2008@gmail.com) on behalf of [Nikhil Desai](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Comments on CASAC nominations  
**Date:** Friday, September 08, 2017 1:30:54 PM

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Dear Mr. Yaw:

I support the candidacy of Tony Cox, Jr to CASAC. I have recently had the pleasure of reading his beautiful, comprehensive review paper on the absence of quantifiable causal connection between fine particulate matter concentrations and specific diseases.

Nikhil

I have no organizational affiliation. I do independent research on environmental regulations on energy production, transformation and use. I had not heard of Mr Cox until a few months ago and do not know him.

-----  
Nikhil Desai  
(US +1) 202 568 5831  
*Skype: nikhildesai888*

**From:** [claudia.roulier](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** EPA BOARD  
**Date:** Saturday, September 09, 2017 9:59:27 AM

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## RECOMMEND FOR

- **Tony Cox** — PhD in risk analysis. Consultant. Expert in air quality epidemiology. Multiple strong publications on air quality.
- **Robert F. Phalen** — Professor of Medicine, UC-Irvine. Co-director at Air Pollution Health Effects Laboratory. A long-time voice of scientific sanity inside the beast.
- **Stan Young** — PhD Statistician. Retired from National Institute of Statistical Sciences. Co-author of the California study debunking notion that PM<sub>2.5</sub> kills.

## AGAINST

- **George A. Allen** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$3,907,111 in EPA grants). Has already served on CASAC.
- **John R. Balmes** — Long-time EPA and California Air Resources Board (CARB) crony and junk scientist. Conflict of interest (\$5,857,626 in EPA grants). [Is already serving on the corrupted CASAC PM subcommittee \(20125-2018\).](#)
- **Bart Croes** — Long-time EPA/CARB crony and air quality junk scientist.
- **Ana Diez Roux** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$34,900,315 in EPA grants). Already served on CASAC. [Is currently on corrupted CASAC PM Subcommittee \(2015-2018\).](#)
- **Mark Frampton** — Long-time EPA crony and air quality junk scientist. Conducted illegal/unethical human experiments on behalf of EPA. Conflict of interest (\$17,447,566 in EPA grants). [Is already serving on corrupted CASAC PM Subcommittee \(2015-2018\).](#)
- **Rob McConnell** — Long-time EPA crony and junk scientist. Conflict of interest (\$19,561,006 in EPA grants). [Is already serving on the corrupted CASAC PM subcommittee \(2015-2018\).](#)
- **Beate Ritz** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$14,215,263 in EPA grants).
- **Armistead (Ted) Russell** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$22,309,779).
- **George Thurston** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$10,795,914).
- **Scott Zeger** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$9,526,921 in EPA grants).

**From:** [Donn Dears](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Advisory Committee Recommendations  
**Date:** Saturday, September 09, 2017 4:43:20 PM

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Mr. Aaron Yeow  
Designated Federal Officer, EPA

Subject: Comments regarding candidates for Clean Air Scientific Advisory Committee (CASAC)

The Clean Air Scientific Advisory Committee will play an important role in ensuring clean air for all Americans. Clean air can be the difference between life and death for some Americans and contributes to the good health for all Americans.

It's crucial that the advisory committee be completely independent and have no formal ties or relationships with the EPA.

An independent advisory committee is the only way to have honest, unbiased recommendations concerning this important area of science.

I recommend the following candidates for appointment to the advisory committee:

Mr. Louis Anthony Cox Jr. PhD. President of Cox Associates. Dr. Cox is Editor-in-Chief of Risk Analysis: An International Journal. He has a PhD in risk analysis, is a consultant and expert in air quality epidemiology.

Mr. Robert F. Phalen. Professor of Medicine, UC-Irvine. He is founding director and currently co-director at Air Pollution Health Effects Laboratory. Dr. Phalen is a full member of eight scientific societies and is the chair of the Board of Directors of the California Society for Biomedical Research (CSBR).

Mr. Stan Young. PhD Statistician. Retired from National Institute of Statistical Sciences. Dr. Young is a Fellow of the American Statistical Association and the American Association for the Advancement of Science. His studies on PM<sub>2.5</sub> are groundbreaking.

I recommend that the following candidates not be approved for the CASAC advisory committee.

Mr. George A. Allen is currently a member of the EPA AIRNow Steering Committee, and would not be a new independent voice on this critical CASAC advisory committee. He has also worked on a wide range of U.S. Environmental Protection Agency (EPA), and National Institutes of Health funded air pollution studies. This further emphasizes that Mr. Allen would not provide an independent view on clean air issues.

Dr. John Balmes. Dr. Balmes has been a physician member of the California Air Resources Board (CARB) that has already made determinations that would preclude Dr. Balmes from objectively analyzing clean air issues and allow for independent comments.

Mr. Bart Croes is affiliated with the California Air Resource Board that has already made determinations that would preclude Mr. Croes from objectively analyzing clean air issues and allow for independent comments.

Ms. Ana Diez Roux. M.D., Ph.D. Ms. Roux has participated as an advisor to EPA's Clean Air Scientific Advisory Committee (CASAC) and would therefore not be able to provide new and independent commentary on this critical issue.

Dr. Mark Frampton. Dr. Frampton has received grants from the EPA and should, therefore, be removed from consideration. While his receiving of grants doesn't automatically mean Dr. Frampton is biased, any recommendations he makes will be viewed as such by

independent observers.

Dr. Rob McConnell. Dr. McConnell has received grants from the EPA. While this doesn't automatically mean Dr. Frampton is biased, any recommendations he makes will be viewed as such by independent observers.

Mr. Richard Poirot. Mr. Poirot has participated as an advisor to EPA's Clean Air Scientific Advisory Committee (CASAC) and would therefore not be able to provide new and independent commentary on this critical issue.

Dr. Beate Ritz, MD, Ph.D. She is the 2007 recipient of the Robert M. Zweig M.D. Memorial Award from the California South Coast Air Quality Management District, which has taken positions on this subject which could prevent Dr. Ritz from taking an independent view on the issue of clean air. She has also received grants from the EPA. While this doesn't automatically mean Dr. Ritz is biased, any recommendations she makes will be viewed as such by independent observers.

Dr. Armistead Russell. Dr. Russell was a prior member of EPA's Clean Air Science Advisory Committee (CASAC) and will not provide a new and independent view on clean air issues. He has also received grants from the EPA. While this doesn't automatically mean Dr. Russell is biased, any recommendations he makes will be viewed as such by independent observers.

Dr. George Thurston. Dr. Thurston has previously served on the EPA's CASAC Committee, which means he will not bring a new and independent voice to this critical subject. In addition, one of Dr. Thurston's students presently has an EPA STAR grant, which indicates Dr. Thurston could be emotionally involved with CASAC arguments and could not, therefore, provide a new, independent and unbiased view. He has also received grants from the EPA. While this doesn't automatically mean Dr. Thurston is biased, any recommendations he makes will be viewed as such by independent observers.

Sincerely:

Donn Dears

Retired, General Electric Company Senior Executive

Areas of specialization: Power generation, Transmission and Distribution, Service, Engineering, Energy and International development

**From:** [Ron Strange](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** submission: Public Comment on Candidates for CASAC  
**Date:** Saturday, September 09, 2017 11:20:15 PM

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Mr. Aaron Yeow, DFO  
Science Advisory Board Staff Office  
U.S. Environmental Protection Agency  
[yeow.aaron@epa.gov](mailto:yeow.aaron@epa.gov)

Dear Mr. Yeow:

I would like to suggest that limiting nominees "... who are physicians and members of the NAS ..." is not appropriate to the function of the CASAC. Pollutants, after all, are chemicals and there should be places for a few chemists on such an advisory panel. I suggest that the presence of physicists and others outside of practicing medicine and public health training would also be useful. For this reason I recommend accepting the nomination of these candidates: Dr. Carol Henry, Dr. A. R. Ravishankara, Dr. Laura E. Nikalson, and Dr. Nan Hayworth.

In addition I recommend that these candidates be accepted: Dr. Louis Anthony Cox, Jr's,

training is in Risk Analysis and would be an excellent addition to the CASAC; Dr. Robert F. Phalen has an undergraduate degree in physics and master's in nuclear physics and would also be a valuable addition; and Dr. S. Stanley Young is a renowned statistician and would be an excellent resource to the CASAC.

The following candidates have had past associations or are currently serving on CASAC or a sub-committee, and, for the benefit of the Committee, should be moving on. In addition it appears that these candidates may have some degree of conflict of interest since they have received or are now receiving grants directly or indirectly from the EPA. For these reasons please do not recommend these candidates: Mr. George A. Allen, Dr. John R. Balmes, Mr. Bart Croes, Dr. Ana V. Diez Roux, Dr. Mark Frampton, Dr. Rob McConnell, Dr. Beate Ritz, Dr. Armistead Russell, Dr. George Thurston, and Dr. Scott Zeger.

Finally, with regard to Mr. Richard L. Poirot, it appears that Mr. Poirot's experience lies

principally in a Vermont government agency that likely does not have a requirement of a background in science. He does have an impressive history of service in numerous advisory committees, both at the state and federal levels, but it is not clear from the brief biographical summary that he has any training in an appropriate science like chemistry, biology, or statistics. I would not recommend Mr. Poirot as a member of the CASAC.

Thank you,

Dr. Ronald S. Strange

--

**Ron Strange, Emeritus Professor of Chemistry**  
**FDU Chemistry (Florham Campus) in Madison, NJ**  
e: [strange@fdu.edu](mailto:strange@fdu.edu) \_\_\_\_ <http://rss.allowaystranges.us/>

**From:** [James Barker](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC  
**Date:** Sunday, September 10, 2017 1:00:01 PM

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Dear Sir,

I recommend for: **Tony Cox, Robert F. Phalen**, and **Stan Young**.

I recommend against: **George A. Allen, John R. Balmes, Bart Croes, Ana Diez Roux, Mark Frampton, Rob McConnell, Beate Ritz, Armistead (Ted) Russell, George Thurston**, and **Scott Zeger**.

I would be pleased if my opinion mattered in some small way.

All the best,

James Barker



**From:** [erichkather@yahoo.com](mailto:erichkather@yahoo.com)  
**To:** [Yeow, Aaron](#)  
**Subject:** Clean Air Advisory Committee  
**Date:** Sunday, September 10, 2017 10:58:06 PM

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I heartily recommend the following candidates. None have conflicts due to prior EPA funding.  
Please break the “cronyism” chain.

**Tony Cox**

**Robert F. Phalen**

**Stan Young**

**Sincerely,  
Erich Kather  
A concerned citizen**

Sent from [Mail](#) for Windows 10

**From:** [Len Stefanski](#)  
**To:** [Yeow, Aaron](#); [len.stefanski@ncsu.edu](mailto:len.stefanski@ncsu.edu)  
**Cc:** [stefansk@ncsu.edu](mailto:stefansk@ncsu.edu)  
**Subject:** Letter of recommendation for (CASAC) candidate  
**Date:** Monday, September 11, 2017 11:28:17 AM  
**Attachments:** [Stan Young Letter 2017.pdf](#)

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Dear Aaron,

Please find attached a letter of recommendation for Stan Young.

Len

**From:** [Vasquez, Karen M](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Nomination and Support Letter for Dr. Sabine Lange  
**Date:** Monday, September 11, 2017 2:20:21 PM  
**Attachments:** [Letter-Sabine Lange-2017.pdf](#)

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Dear Mr. Yeow,

Please find the attached CASAC nomination and support letter for Dr. Sabine Lange. Please let me know if you need additional information.

Sincerely,  
Karen Vasquez

\*\*\*\*\*

Dr. Karen M. Vasquez, PhD  
James T. Doluisio Regents Professor  
Head, Division of Pharmacology and Toxicology

The University of Texas at Austin  
Dell Pediatric Research Institute  
1400 Barbara Jordan Blvd. R1800  
Austin, TX 78723  
Email: [karen.vasquez@austin.utexas.edu](mailto:karen.vasquez@austin.utexas.edu)  
Phone: 512-495-3040  
Fax: 512-495-4946  
Website: <http://www.utexas.edu/labs/vasquez/>

**From:** [Voigt, Christopher G. \(VDOT\)](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [Ponticello, James \(VDOT\)](#)  
**Subject:** CASAC Nomination for Dr. Sabine Lange  
**Date:** Monday, September 11, 2017 3:42:43 PM

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Mr. Yeow,

We strongly support a nomination for Dr. Sabine Lange for the Clean Air Scientific Advisory Committee (CASAC). Her research interests include the toxicology of criteria air pollutants, particularly ozone dosimetry and exposure-response. Her combination of a stellar academic background and related work experience make her an ideal candidate. She would be a valuable resource for the Committee.

Please let us know if you have any questions regarding this nomination.

Christopher Voigt  
VDOT Air Quality  
804.371.6764

**From:** [Bill Anderegg](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Public comment on CASAC candidates  
**Date:** Monday, September 11, 2017 4:22:55 PM

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Dear Mr. Aaron Yeow:

I write to provide public comments on the List of Candidates under consideration for appointment to the CASAC. I am an Assistant Professor in the Department of Biology at the University of Utah. I received a Ph.D. from the Department of Biology at Stanford University, worked as a National Oceanic and Atmospheric Administration (NOAA) postdoctoral fellow at Princeton University, and have published more than 50 peer-reviewed scientific papers. My scientific research frequently covers areas under the purview of the CASAC.

While the vast majority of the candidates nominated for CASAC are commendable and qualified, there are three candidates that greatly concern me, whom I believe to be unqualified for the Committee due to their lack of key credentials and unacceptable conflicts of interest – Louis Anthony Cox Jr., Deane Waldman and S. Stanley Young. The CASAC's explicit aims are to provide "independent advice, information and recommendations to the EPA Administrator on the scientific and technical aspects of air quality." These three candidates do not have the appropriate credentials or expertise to provide "scientific and technical" input to CASAC and their well-documented funding sources with strong financial interests casts strong doubt on their ability to provide "independent advice." Thus, on all stated aims of the CASAC roles, these three individuals are unqualified and should not be appointed to the Committee.

Sincerely,

William Anderegg, Ph.D.

--

William R. L. Anderegg, Ph.D.  
Assistant Professor, Biology, University of Utah  
email: [anderegg@utah.edu](mailto:anderegg@utah.edu)  
website: [anderegglab.net](http://anderegglab.net)

**From:** [Jeff Kemper](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC candidate recommendation  
**Date:** Tuesday, September 12, 2017 12:09:59 AM

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Dear Mr. Aaron Yeow,

i would like to recommend the following candidates for the EPA's Clean Air Scientific Advisory Committee:

Tony Cox

Robert F. Phalen

Stan Young

My reasoning for recommending these three candidates is based on my years of experience working in public high school administration. I have found that new people to positions often bring enhancing points of view and enthusiasm that helps to keep organizational processes vital and relevant - to reinvigorate vision and mission of an organization. These three candidates could perhaps provide such benefits to the EPA.

The other candidates appear to have long-standing associations with the EPA in various capacities. Perhaps it is time for change. Please consider the following wish to not consider these candidates not as any negative against them. I just don't necessarily see change coming with these candidates listed below given their long EPA affiliations:

George A. Allen  
John R. Balmes  
Bart Croes  
Ana Diez Rouz  
Mark Frampton  
Rob McConnell  
Beate Ritz  
Armistead Russell  
George Thurston  
Scott Zeger

Sincerely,

Jeff Kemper  
Retired High School Asst Principal

**From:** [Phyllis Coley](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC  
**Date:** Tuesday, September 12, 2017 8:43:40 PM  
**Attachments:** [EPA.pdf](#)

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Phyllis Coley, Distinguished Professor  
Department of Biology, University of Utah  
257 South 1400 East, Salt Lake City, UT 84112  
[coley@biology.utah.edu](mailto:coley@biology.utah.edu); 801-581-7088; [www.biology.utah.edu/coley/](http://www.biology.utah.edu/coley/)

**From:** [Wood, Richard](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [Sabine Lange](#)  
**Subject:** endorsement of Sabine Lange, nomination for CASAC  
**Date:** Thursday, September 14, 2017 1:15:23 PM

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Aaron Yeow  
Designated Federal Officer  
EPA Clean Air Scientific Advisory Committee

Dear Mr Yeow:

I write to endorse the nomination of Sabine Lange, Ph.D., DABT for service on the EPA's Clean Air Scientific Advisory Committee. Dr. Lange is Toxicology Section Manager at the Texas Commission on Environmental Quality in Austin, TX.

I know Dr. Lange's well, as we worked together productively for six years on fundamental scientific research questions at MD Anderson Cancer Center. Dr. Lange is currently an expert on the scientific and technical aspects of air quality, and the National Ambient Air Quality Standards (NAAQS). For example, she recently published some of her analyses of the health effects of ambient ozone. She would be a knowledgeable, focused, active, and articulate committee member, and would bring great benefit to the Clean Air Scientific Advisory Committee.

Yours sincerely,

Richard D. Wood, PhD, FRS  
Grady F Saunders Distinguished Professor of Molecular Biology  
Department of Epigenetics & Molecular Carcinogenesis  
University of Texas MD Anderson Cancer Center  
P.O. Box 389, 1808 Park Road 1C,  
Smithville, TX 78957

tel 512 237 9431 (office)  
[rwood@mdanderson.org](mailto:rwood@mdanderson.org)

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**From:** [Berger, Andy](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Letter in Support of Nomination of Dr. Larry Wolk to Clean Air Scientific Advisory Committee  
**Date:** Thursday, September 14, 2017 2:26:59 PM  
**Attachments:** [image001.png](#)  
[170914 Letter Supporting Nomination of Larry Wolk to CASAC, Walz to Yeow.pdf](#)

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Dear Mr. Yeow,

Please find attached a letter from Tri-State Generation and Transmission Association, Inc. in support of the nomination of Dr. Larry Wolk to serve on the Clean Air Scientific Advisory Committee.

Best regards,  
Andy Berger

Andy Berger  
Senior Manager, Environmental Policy  
Office 303.254.3171 Mobile 303.916.1289



**From:** [Hays, Karen](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [Dika Kuoh](#)  
**Subject:** CASAC nomination.pdf  
**Date:** Thursday, September 14, 2017 5:39:19 PM  
**Attachments:** [CASAC nomination.pdf](#)

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Mr. Yeow,

Attached is my comment letter regarding the List of Candidates for the CASAC. I urge strong consideration of Dr. Jim Boylan's nomination.

Thank you,  
Karen

Karen Hays, P.E.  
Chief, Air Protection Branch  
Georgia Environmental Protection Division  
4244 International Parkway, Suite 120  
Atlanta, GA 30354  
Office Phone: 404-363-7016  
Work Cell: 404-788-3955

From: [DaleHartz](#)  
To: [Yeow, Aaron](#)  
Subject: Casac Recommendations  
Date: Thursday, September 14, 2017 8:06:01 PM

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# Recommendations for EPA's Clean Air Scientific Advisory Committee

**I vote for the following candidates:**

**Tony Cox**

**Robert F. Phalen  
St an Young**

**I vote against the following candidates:**

**George A. Allen  
John R. Balmes  
Bart Croes  
Ana Diez  
Mark Frampton  
Rob McConnell  
Beate Ritz  
Armistead (Ted) Russell  
George Thurston  
Scott Zeger .**

**Marvin D. Hartz**

**Tulsa, OK**

**From:** [Clint Woods](#)  
**To:** [Pruitt, Scott](#)  
**Cc:** [Yeow, Aaron](#); [Jackson, Ryan](#); [Yamada, Richard \(Yujiro\)](#); [Gunasekara, Mandy](#); [Lyons, Troy](#); [sean.alteri@ky.gov](mailto:sean.alteri@ky.gov); [Spencer, Stuart](#)  
**Subject:** Comments on Candidates for EPA's Clean Air Scientific Advisory Committee  
**Date:** Friday, September 15, 2017 9:40:55 AM  
**Attachments:** [AAPCA Comments - CASAC List of Candidates - 9-15-17.pdf](#)

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Administrator Pruitt,

Please find the attached letter from the Association of Air Pollution Control Agencies (AAPCA) on the [list of candidates](#) under consideration for appointment to U.S. EPA's Clean Air Scientific Advisory Committee (CASAC). The letter encourages U.S. EPA to select state air agency experts for the chartered CASAC as well as future review panels. It also discusses Clean Air Act requirements for membership and scope of advice (including advice on adverse health, welfare, social, economic, or energy effects related to National Ambient Air Quality Standards), the value of geographically and scientifically diverse viewpoints, and your opportunity, as the appointing authority, to determine appointment and terms for federal advisory committee members in accordance with 41 CFR 102-3.130.

Thank you for the opportunity to provide feedback on these qualified candidates for CASAC, and please do not hesitate to contact us with any additional questions.

Clint Woods  
Executive Director  
Association of Air Pollution Control Agencies  
1776 Avenue of the States  
Lexington, KY 40511  
859.244.8040 – office  
[cwoods@csg.org](mailto:cwoods@csg.org)  
<http://www.cleanairact.org>

**From:** [Paul Miller](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [Zarba, Christopher](#)  
**Subject:** NESCAUM comment letter on CASAC nominees  
**Date:** Friday, September 15, 2017 12:30:42 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image004.png](#)  
[image005.png](#)  
[nescaum-letter-to-epa-on-casac-process-20170915-final.pdf](#)

---

Dear Mr. Yeow:

Please find attached a submission by the Northeast States for Coordinated Air Use Management in response to EPA's public comment request on the List of Nominees for the Clean Air Scientific Advisory Committee, posted by EPA on August 28, 2017.

Sincerely,

**Paul J. Miller**, Deputy Director & Chief Scientist  
Northeast States for Coordinated Air Use Management  
89 South Street, Suite 602  
Boston, MA 02111  
Ph: 617-259-2016  
Fax: 617-742-9162  
[www.nescaum.org](http://www.nescaum.org)

Follow us:



**From:** [Kurt Hegmann](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Dr. Packham and CASAC  
**Date:** Friday, September 15, 2017 12:49:32 PM  
**Attachments:** [9-15-2017%20Packham%20Letter.pdf](#)

---

Mr. Yeow:  
Please find attached a letter of support.  
Thank you  
Kurt Hegmann



**From:** [Jackie Ploch](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Nomination for Dr. Sabine Lange  
**Date:** Friday, September 15, 2017 2:26:27 PM

---

Mr. Yeow,

We strongly support a nomination for Dr. Sabine Lange for the Clean Air Scientific Advisory Committee (CASAC). Dr Lange manages the Toxicology program at TCEQ. Texas is home to a large diverse group of industrial sources and a large portion of the U.S. petrochemical industry. Texas is the second most populated state in the nation. Texas has more sources of emissions than most if not all states in the nation. Texas has one of the most sophisticated and largest ambient monitoring networks in the U.S. Texas has reduced air emissions higher than the average and has better air quality than many of the more populated states in the U.S. For details on air quality success, please see: <https://www.tceq.texas.gov/airquality/airsuccess>. These successes are closely tied to the work Dr. Lange manages and leads in toxicology and risk assessments. Her work had led to continuous improvements in TCEQ air quality protection programs while continuing to afford economic prosperity for the state. Her knowledge of toxicology and risk assessment work in Texas would be an asset in helping CASAC provide advice and recommendations on future NAAQS reviews for the U.S.

She and her staff provide TxDOT with air quality risk assessment technical support. The data provided to my agency is in formats easy for the public to understand. The TCEQ Toxicology program website has information in the same easy to understand format.

Dr. Lange would be an asset for CASAC just as she is for the state of Texas.

Respectfully,

Jackie

Jackie Ploch  
Human Environment Program Manager  
Pollution Prevention and Abatement | Environmental Affairs Division  
Texas Department of Transportation | Mailing: 125 E. 11<sup>th</sup> St., Austin, TX 78701-2483  
Work: 512.416.2621 | Mobile: 512.483.1969 | [jackie.ploch@txdot.gov](mailto:jackie.ploch@txdot.gov)



**From:** [Rob Sisson](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC nominations  
**Date:** Friday, September 15, 2017 4:13:03 PM

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Aaron-

I highly recommend Dr. Nan Hayworth for appointment to the Clean Air Scientific Advisory Committee. I've known Nan for six years and have the highest respect for her intellect, candor, and abilities. She will serve the country well in this capacity.

Rob

Robert C. Sisson, President  
ConservAmerica  
971 S. Centerville Road, PMB 139  
Sturgis, MI 49091  
269.689.9659  
[rsisson@conservamerica.org](mailto:rsisson@conservamerica.org)  
[@Rob\\_Sisson](#)

**From:** [Gutherman Technical Services](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC  
**Date:** Friday, September 15, 2017 4:52:18 PM

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Mr. Yeow,

I am very interested in your choice of candidates for CASAC. While I do not have any specific candidates in mind, I do have criteria for choosing. No one who has received EPA grants in the past 5 years should be chosen due to conflict of interest. You should also choose from a range of people in the policy, scientific, business, and energy communities both in the public and private sector. All successful candidates should have to agree to not solicit or receive government grants from EPA for an appropriate time frame but no less than one year after serving.

Thank you for your consideration.

*Brian Gutherman*

President  
Gutherman Technical Services, LLC  
1 Lamplighter Lane  
Shamong, NJ 08088  
Office: (609) 268-5527  
Cell: (609) 661-0418  
Fax: (609) 935-3484

Twitter: [@NJNuke](#)

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From: [marcie.dreyer@verizon.net](mailto:marcie.dreyer@verizon.net)  
To: [Yeow, Aaron](#)  
Subject: 2017 CASAC Annual Membership  
Date: Friday, September 15, 2017 5:55:26 PM

---

Mr Yeow:

For:

- **Tony Cox** — PhD in risk analysis. Consultant. Expert in air quality epidemiology. Multiple strong publications on air quality.
- 
- **Robert F. Phalen** — Professor of Medicine, UC-Irvine. Co-director at Air Pollution Health Effects Laboratory. A long-time voice of scientific sanity inside the beast.
- 
- **Stan Young** — PhD Statistician. Retired from National Institute of Statistical Sciences. Co-author of the California study debunking notion that PM<sub>2.5</sub> kills.

Against:

- **George A. Allen** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$3,907,111 in EPA grants). Has already served on CASAC.
- **John R. Balmes**. — Long-time EPA and California Air Resources Board (CARB) crony and junk scientist. Conflict of interest (\$5,857,626 in EPA grants). [Is already serving on the corrupted CASAC PM subcommittee \(20125-2018\).](#)
- **Bart Croes** — Long-time EPA/CARB crony and air quality junk scientist.
- **Ana Diez Roux** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$34,900,315 in EPA grants). Already served on CASAC. [Is currently on corrupted CASAC PM Subcommittee \(2015-2018\).](#)
- **Mark Frampton** — Long-time EPA crony and air quality junk scientist. Conducted illegal/unethical human experiments on behalf of EPA. Conflict of interest (\$17,447,566 in EPA grants). [Is already serving on corrupted CASAC PM Subcommittee \(2015-2018\).](#)
- **Rob McConnell** — Long-time EPA crony and junk scientist. Conflict of interest (\$19,561,006 in EPA grants). [Is already serving on the corrupted CASAC PM subcommittee \(2015-2018\).](#)
- **Beate Ritz** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$14,215,263 in EPA grants).
- **Armistead (Ted) Russell** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$22,309,779 in EPA grants).
- **George Thurston** — Long-time EPA crony and air quality junk scientist. Conflict of interest (\$10,795,914 in EPA grants).
- **Scott Zeger** — Long-time EPA crony and air quality junk scientist. Conflict of

interest (\$9,526,921 in EPA grants).

Thank you,  
Marcie Dreyer

**From:** [Ursula Nelson](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Steven Packham  
**Date:** Friday, September 15, 2017 6:02:01 PM  
**Attachments:** [Yeow recommendation ltr Sept2017.pdf](#)

---

Hi Aaron. Here is my letter.

Please let me know if you need anything further.

Thank you.

Ursula Kramer Nelson, Director  
Pima County Department of Environmental Quality  
520.724.7454  
[www.pima.gov/deq](http://www.pima.gov/deq)

**From:** [Jeffrey Garner](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Recommend for council.  
**Date:** Friday, September 15, 2017 6:13:26 PM

---

Tom Young, Stan Cox, they're not receiving grants from EPA, no conflicts of interest.  
Thanks for allowing input.  
Jeffrey Garner  
Brawley, CA

**From:** [Paul Walker](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Nan Hayworth and CASAC  
**Date:** Sunday, September 17, 2017 1:02:54 PM

---

Mr. Yeow,

I am writing you today to support the appointment of Nan Hayworth, M.D. to the EPA's Clean Air Scientific Advisory Committee (CASAC).

Dr. Hayworth and I have served together on the board of ConservAmerica for several years - and, as you likely know she is currently serving as the Chairman of ConservAmerica, the nation's premiere center-right environmental advocacy organization. Dr. Hayworth provides a unique and valuable set of skills, knowledge, and experience to our organization and her appointment to CASAC would be strongly in the public interest.

Dr. Hayworth has experience in medicine, business, and politics - three sectors profoundly affected by emissions and climate change concerns. She understands full well the need to continuously reduce emissions of pollutants; she understands the local impacts of PM, SOx, NOx, mercury and arsenic and other toxics. And she understands the need to continuously research climate change - all with an understanding of the business and political needs to have consensus, clarity, and realistic approaches to reducing emissions.

She, like everyone involved with ConservAmerica, is convinced by the science of climate change - and, like the rest of our board, believes that the best way to deal with it is for federal-state cooperation in the development of business-realistic approaches to ensuring the reduction of GHGs and all emissions.

She would provide the CASAC with a strong, independent, and realistic view based on her unique blend of personal and professional skills and experience. I would be more than happy to answer any questions you may have regarding Dr. Hayworth; and I thank you for your consideration of her appointment.

--

Paul Walker  
ConservAmerica



**From:** [Lyon Family](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Letter of Recommendation for Stephen Packham Ph.D.  
**Date:** Sunday, September 17, 2017 7:13:03 PM

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Dear Mr. Yeow, RE: Steven Packham

Steven Packham, PhD., asked me to write a letter of recommendation for him. He tells me he is being considered for a position on an advisory board to the U.S. Environmental Protection Agency and hence the need for a letter.

I've known Steve professionally for over 25 years. I first met him when I was doing consulting work for a local industry concerning air pollution. I was impressed with his knowledge of toxicology, especially inhalation toxicology. I was also impressed with his ability to apply this knowledge to issues affecting the health of human populations concerning air pollution. He has continue to stay abreast of air pollution problems, and when I need information on such matter Steve is the first person I call.

Because of his position with the State of Utah he has had to thread his way between individuals and groups who want to stop all combustion of any kind, and the demands for heat, light, energy and transportation that occur anywhere that people live. When I first worked with him I was impressed with his skill in doing so. He has the ability to explain complex scientific studies to lay people, and is not afraid to make recommendations based on the available information.

At a personal level Steve is someone who values honesty in science. He is also a person of the highest integrity in his words and actions. You can rely on what he says and what he promises to do.

Sincerely yours,

Joseph L. Lyon, M.D., M.P.H.

Professor Emeritus

University of Utah School of Medicine

;

**From:** [Steve Alder](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Letter of Support for Dr. Packham for appointment to the EPA Clean Air Science Advisory Committee  
**Date:** Sunday, September 17, 2017 7:42:32 PM  
**Attachments:** [image001.png](#)  
[Packham Sept 2017.docx](#)

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Dear Mr. Yeow-

Attached is a letter of support for the appointment of Dr. Stephen Packham to the EPA Clean Air Science Advisory Committee. Please let me know if you need anything further from me on this matter.

Sincerely,

Steve Alder

--

Stephen C. Alder, PhD  
Professor and Vice Chair  
Chief, Division of Public Health  
Department of Family and Preventive Medicine  
University of Utah  
375 Chipeta Way, Suite A  
Salt Lake City, Utah 84108  
801-587-3315



**From:** [Environmental Protection-Network](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [epn-steering@googlegroups.com](mailto:epn-steering@googlegroups.com)  
**Subject:** Comments on the List of Candidates under consideration for appointment to the CASAC  
**Date:** Sunday, September 17, 2017 8:34:25 PM

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The following comments are submitted on behalf of the Environmental Protection Network, an organization of former federal and state officials. Further information on the EPN can be found at [www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org).

Thank you for the opportunity to review the qualifications and background of the candidates for service on the Clean Air Scientific Advisory Committee (CASAC). We commend the transparency of the nomination process, which asked the public to nominate diverse and strong candidates to meet the statutory requirements. Among a list which includes some distinguished physicians and scientists who are well positioned to provide high quality advice to the agency is one, Dr. Ana Diez-Roux, who alone fits the statutory criteria for the available slot. There are three who we believe do not match the illustrious membership representing the best of the scientific community that has characterized the CASAC, an advisory committee critical to EPA decision processes.

Our understanding is that the current vacancy in this committee of seven experts, as defined by statute, is for an individual who has the rather unusual combination of being a Medical Doctor and a Member of the National Academy of Sciences (NAS). Although there are medical doctors on the list and a very few NAS members (i.e., elected members, not members of NAS or NRC panels), there is only one candidate who is both: Dr. Ana Diez Roux. We strongly support Dr. Diez Roux because of her credentials, scientific reputation in the field of air quality, and past meritorious service to CASAC. No other candidates meet the minimum statutory requirements for the opening.

We also want to comment on three who we think should not be considered. We fully accept that this scientific advisory committee should draw on a broad wealth of information to inform and enhance their deliberations. However, it should be careful to assure that deliberations are not skewed by personal financial interests and that members have the best possible scientific credentials.

There is one individual whose financial interests might be of concern and could preclude his selection or be a candidate for recusal if named: Dr. Jeffrey R. Lewis. Two others, Drs. Deane Waldman and S. Stanley Young, do not seem to fit the profile of deep expertise characteristic of the CASAC.

Dr. Jeffrey Lewis has had one employer for the last 27 years, ExxonMobil Biomedical Science, Inc. As someone with deep financial ties to ExxonMobil, his participation in making recommendations on matters that could have a direct and predictable effect on refinery operations could be problematic. If he were ever to be appointed to the CASAC, this conflict of interest should make him a candidate for recusal from most matters before the committee.

The biographies of Drs. Deane Waldman and S. Stanley Young with respect to the expertise needed for CASAC in air pollution and its effects on human health and the environment are, at best, thin and do not match those of other applicants in terms of breadth and depth of expertise and experience.

Again, there are many fine candidates presented. The three discussed above, however, present concerns that would preclude their being able to effectively advise on the complex matters that come before the CASAC.

This recommendation comes from the Environmental Protection Network. We are a group of volunteers with backgrounds in environmental programs at the federal state and local levels. Our teams include scientists, engineers, economists, lawyers and many others. We have worked in both Republican and Democratic administrations and we know the importance of well run and well-resourced programs and of the federal advisory committees that provide them with important scientific advice.

We hope you find these comments useful.

Ruth Bell

President

Environmental Protection Network

**From:** [Juliet Popper SHAFFER](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Dear Mr. Yeow:  
**Date:** Monday, September 18, 2017 12:30:31 AM  
**Attachments:** [youngletter.pdf](#)

---

I am attaching a letter of recommendation for S. Stanley Young for the CASAC.

Sincerely yours,

Juliet P. Shaffer

**From:** [boges@metro4-sesarm.org](mailto:boges@metro4-sesarm.org)  
**To:** [Yeow, Aaron](#)  
**Cc:** [hornback@metro4-sesarm.org](mailto:hornback@metro4-sesarm.org)  
**Subject:** Renewed endorsement of Jim Boylan as a CASAC member  
**Date:** Monday, September 18, 2017 10:59:05 AM  
**Attachments:** [Metro 4 SESARM Letter Boylan CASAC 170915.docx](#)

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Greetings,

On behalf of John Hornback, Executive Director of Metro 4 and SESARM, and the 27 local and state air pollution control agencies in the Southeast that are members of Metro 4/SESARM, I am transmitting the attached endorsement letter for Dr. James Boylan to be appointed to the Clean Air Scientific Advisory Committee. Please let us know if additional information would be helpful to your final review. Thank you.

Shon Boges

---

**From:** John Hornback [mailto:[hornback@metro4-sesarm.org](mailto:hornback@metro4-sesarm.org)]  
**Sent:** Friday, September 15, 2017 8:32 PM  
**To:** '[campbell@epchc.org](mailto:campbell@epchc.org)'; 'Rhonda Thompson'  
**Subject:** Renewed endorsement of Jim Boylan as a CASAC member

Last year, your agencies granted me the authority to issue a letter to EPA in support of Jim Boylan being selected from a pool of nominees to serve on EPA's Clean Air Scientific Advisory Committee. He was not selected. This year there is one vacancy and he is once again a nominee. With very minor changes from last year's letter, I'm proposing the attached letter which is due on Monday, if we choose to send a letter.

I apologize for the short notice but Jim contacted me after 4:00 today and asked if we could send something. I will be out of the office all of next week. With the deadline for submittal being Monday, I'd like to gain concurrence over the weekend or very early Monday morning so the letter can be transmitted, edited as necessary, to EPA by COB Monday. Shon Boges will have to help me at the office since both Doug and I will be in North Carolina.

We have a history of ensuring that I don't misrepresent who I am representing so while this letter is fairly simple, I prefer to receive affirmation from the primary officer of each organization. I appreciate your consideration.

I'll be working at the office most of the weekend including into the large numbers on the clock this evening so if you happen to review this or otherwise wish to indicate your concurrence, I'll transmit it over the weekend to EPA. Otherwise, we'll await your responses on Monday. Many thanks. John.

**John E. Hornback**

Executive Director

Metro 4/SESARM

205 Corporate Center Dr Ste D

Stockbridge GA 30281-7383

**404-361-4000** (office)

**770-605-3059** (cell)

---

**From:** John Hornback [mailto:[hornback@metro4-sesarm.org](mailto:hornback@metro4-sesarm.org)]

**Sent:** Friday, September 15, 2017 8:14 PM

**To:** 'Boylan, James'

**Subject:** RE: CASAC Annual Membership

Please give this a quick review. I need to send it to the Chair of SESARM and the President of Metro 4 tonight and ask for their approval to send it out. There should not be a problem but I need to cover my bases.

I have made only slight tweaks – changed the date of the letter and the date of the posting for comments. Corrected an error from last year's letter that referred to CASAC as CSAC in one place. Other minor language changes. Just need a quick blessing before I sent it out to the bosses tonight.

Thanks.

**John E. Hornback**

Executive Director

Metro 4/SESARM

205 Corporate Center Dr Ste D

Stockbridge GA 30281-7383

**404-361-4000** (office)

**770-605-3059** (cell)

---

**From:** Boylan, James [mailto:[James.Boylan@dnr.ga.gov](mailto:James.Boylan@dnr.ga.gov)]

**Sent:** Friday, September 15, 2017 7:50 PM

**To:** John Hornback

**Subject:** RE: CASAC Annual Membership

There are 7 “chartered” CASAC members. Each serve a 4-year term that can be renewed once for a second term. Yes, this is the annual solicitation for vacant chartered CASAC positions that have become available due to terms expiring. This year, 1 position is available. Next year, I believe 4 positions will become available. Sorry to make this request while you are so busy. You could probably just use the same letter you sent last time with minor updates.

Thanks!!

Jim

---

**From:** John Hornback [mailto:[hornback@metro4-sesarm.org](mailto:hornback@metro4-sesarm.org)]

**Sent:** Friday, September 15, 2017 5:13 PM

**To:** Boylan, James

**Subject:** RE: CASAC Annual Membership

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I would really like to do this. I have a large amount of time I intend to work tonight, tomorrow, and possibly part of Sunday on the regional haze package. I'm finishing the Metro 4 and SESARM FY 2018 budgets right now and will distribute them tonight to the agencies to get them ready for approvals on September 29. And I also have to finish a draft of the fall air director meeting agenda this weekend. So very busy. But I will try to get the letter prepared and out the door too.

Aaron had entitled the original message the "CASAC Annual Membership" but it is an annual solicitation for a portion of the CASAC group, isn't it?

**John E. Hornback**

Executive Director

Metro 4/SESARM

205 Corporate Center Dr Ste D

Stockbridge GA 30281-7383

**404-361-4000** (office)

**770-605-3059** (cell)

---

**From:** Boylan, James [mailto:[James.Boylan@dnr.ga.gov](mailto:James.Boylan@dnr.ga.gov)]

**Sent:** Friday, September 15, 2017 4:16 PM

**To:** [hornback@metro4-sesarm.org](mailto:hornback@metro4-sesarm.org)

**Subject:** FW: CASAC Annual Membership

John,

Would you be interested in submitting a recommendation for me? If so, you could probably just use the same letter you sent last time (the deadline is Monday). If the deadline is too short, that is fine. Just thought I would ask.

Jim

---

**From:** Yeow, Aaron [mailto:[Yeow.Aaron@epa.gov](mailto:Yeow.Aaron@epa.gov)]

**Sent:** Monday, August 28, 2017 1:56 PM

**To:** Yeow, Aaron

**Subject:** RE: CASAC Annual Membership

Chartered CASAC and CASAC Panel Members,

We just posted the List of Candidates for CASAC Annual Membership for public comment on the CASAC website:

<http://epa.gov/casac>

Scroll to the bottom, Public Input on Membership.

Please pass this along to anyone who might be interested in providing comments or additional information on any of the candidates. Please note that any comments received may be subject to release under the Freedom of Information Act.



-Aaron

Aaron Yeow, M.P.H.  
Designated Federal Officer  
U.S. Environmental Protection Agency  
Science Advisory Board  
202-564-2050 (P)  
202-565-2098 (F)

Mailing Address:

USEPA, 1200 Pennsylvania Avenue, NW, (1400R), Washington, DC 20460

Physical Location/Deliveries:

1300 Pennsylvania Avenue, NW, Suite 31150, Washington, DC 20004

---

**From:** Yeow, Aaron  
**Sent:** Tuesday, June 27, 2017 3:06 PM  
**To:** Yeow, Aaron <[Yeow.Aaron@epa.gov](mailto:Yeow.Aaron@epa.gov)>  
**Subject:** CASAC Annual Membership

Chartered CASAC and CASAC Panel Members,

The SAB Staff Office announced in a Federal Register Notice published today (<https://www.gpo.gov/fdsys/pkg/FR-2017-06-27/pdf/2017-13332.pdf>) that it is seeking nominations for the Chartered CASAC. As required under the Clean Air Act section 109(d), the CASAC is composed of seven members, with at least one member of the National Academy of Sciences, one physician, and one person representing state air pollution control agencies. Accordingly, the SAB Staff Office is seeking nominations of experts to serve on the CASAC who are physicians and members of the National Academy of Sciences with expertise in the health effects of air pollution. The SAB Staff Office is especially interested in scientists with expertise described above who have knowledge and experience in air quality relating to criteria pollutants (ozone, particulate matter, carbon monoxide, nitrogen oxides, sulfur oxides, and lead).

I am writing to ask your help in identifying a diverse range of qualified candidates to be considered for the Administrator's appointment to the CASAC. I invite you to nominate candidates for the CASAC, and encourage you to share this request with others. Nominations to the CASAC should be made using the web nomination link at the bottom of the CASAC homepage ([www.epa.gov/casac](http://www.epa.gov/casac)) under "Public Input on Membership."

Nominations are sought by July 27, 2017. Should you have questions about the nomination process or the broad charge to the CASAC, please don't hesitate to contact me. Thank you in advance for your assistance in identifying a diverse set of expert candidates for the CASAC.

-Aaron

Aaron Yeow, M.P.H.  
Designated Federal Officer  
U.S. Environmental Protection Agency  
Science Advisory Board  
202-564-2050 (P)  
202-565-2098 (F)

Mailing Address:

USEPA, 1200 Pennsylvania Avenue, NW, (1400R), Washington, DC 20460

Physical Location/Deliveries:

1300 Pennsylvania Avenue, NW, Suite 31150, Washington, DC 20004

**From:** [Ryan Streams](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Nominee comments  
**Date:** Monday, September 18, 2017 11:05:04 AM  
**Attachments:** [Western Energy Alliance EPA CASAC Nominees Letter of Support.pdf](#)

---

Hello Aaron,

Please find attached Western Energy Alliance's comments on the list of nominees for the Clean Air Scientific Advisory Committee.

Thank you,

Ryan Streams  
Manager of Regulatory Affairs  
Western Energy Alliance  
1775 Sherman St, Suite 2700  
Denver, CO 80203

Direct: 303.501.1060  
Main: 303.623.0987  
[rstreams@westernenergyalliance.org](mailto:rstreams@westernenergyalliance.org)  
westernenergyalliance.org

\*\*\*\*\*

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**From:** [elizabeth hendler](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Email in Support of Dr. Sabine Lange for CASAC  
**Date:** Monday, September 18, 2017 3:43:07 PM

---

Dr. Yeow,

The 8-Hour Ozone SIP Coalition (Coalition) strongly supports the nomination of Dr. Sabine Lange to the U.S. Environmental Protection Agency's Clean Air Scientific Advisory Committee (CASAC). The Coalition uses science to understand the underlying drivers of ozone formation, and our members are energy and chemical companies with the common goal of achieving clean air and a strong economy for Texas. Coalition members have invested billions of dollars in state-of-the-art emissions controls since 2001.

Dr. Lange will prove to be an invaluable asset to CASAC because her education and experience combines both an extensive background in research with experience leading a team of toxicologists at the largest state agency in the nation. Dr. Lange received a PhD in biochemistry and molecular carcinogenesis from the University of Houston and MD Anderson Cancer Center in 2008. She then spent 5 years as a post-doctoral fellow at MD Anderson Cancer Center studying mutagenesis. In 2014, she joined the Texas Commission on Environmental Quality (TCEQ) as a Toxicologist where she leads a team of toxicologists engaged in assessing health effects data of environmental toxicants to determine safe exposure levels to these chemicals.

Since joining TCEQ, Dr. Lange has specialized in the analysis of the data associating ozone exposure with health effects, and she has been involved in the preparation of several manuscripts for publication from this work. Dr. Lange worked to develop, convene, present and summarize findings at the TCEQ's 2015 Independent Workshop on Ozone NAAQS and Science Policy. She has also worked to develop and present a new dose-response framework that places ozone human clinical experimental results into a context that makes them easier to use for decision makers.

We believe that her ability to use sound science and apply it to make critical policy decisions and her academic training and research background makes Dr. Lange ideally suited to a seat on CASAC, and we are pleased to provide our support.

If you have any questions, please contact me.

Sincerely,

Elizabeth Hendler, Project Manager  
512-257-7322

**From:** [Amy Gutierrez](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [Yogin Kothari](#); [Genna Reed](#)  
**Subject:** Union of Concerned Scientists Clean Air Science Advisory Committee (CASAC) nominees comment  
**Date:** Monday, September 18, 2017 4:41:15 PM  
**Attachments:** [UCS\\_CASACnominees\\_Statement.pdf](#)

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Aaron Yeow,

I have attached the Union of Concerned Scientists' comment on the Clean Air Science Advisory Committee (CASAC) nominees. Please feel free to reach out with any questions.

Amy Gutierrez  
Legislative Associate  
Union of Concerned Scientists  
Cell: (850) 597-4135  
Email: [agutierrez@ucsusa.org](mailto:agutierrez@ucsusa.org)

**From:** [Abel Russ](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Comments on CASAC candidate list  
**Date:** Monday, September 18, 2017 4:58:03 PM  
**Attachments:** [20170918\\_EIP comments on CASAC candidate list.pdf](#)

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Dear Mr. Yeow – Please find attached our comments on the Clean Air Scientific Advisory Committee list of candidates.

Thank you,

Abel Russ  
Attorney  
Environmental Integrity Project  
1000 Vermont Avenue NW, Suite 1100  
Washington, DC 20005  
(802) 482-5379  
[aruss@environmentalintegrity.org](mailto:aruss@environmentalintegrity.org)

**From:** [Edstrom, Brittanie](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** NAAQS Implementation Coalition Comments on CASAC Candidates  
**Date:** Monday, September 18, 2017 5:07:58 PM  
**Attachments:** [NAAQS Implementation Coalition Comments on CASAC Candidates-c.pdf](#)

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Mr. Yeow –

Attached are the comments of the NAAQS Implementation Coalition on EPA's Invitation for Public Comment on Candidates for CASAC. Please let me know if you need any further information.

Thank You,



**Brittanie Edstrom**

Federal Affairs Adm Assistant

[bedstrom@hunton.com](mailto:bedstrom@hunton.com)

p 202.955.1523

Hunton & Williams LLP  
2200 Pennsylvania Avenue, NW  
Washington, DC 20037

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**From:** [Mari Ruckel](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** CASAC Letter - Lange  
**Date:** Monday, September 18, 2017 6:29:29 PM  
**Attachments:** [Lange Nomination 9.18.17.pdf](#)

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Mr. Yeow,

The Texas Oil and Gas Association is happy to submit the attached letter in support of Dr. Sabine Lange's appointment to the Clean Air Scientific Advisory Committee. Should you have any questions please do not hesitate to contact me.

Best,

Mari

**Mari Ruckel**  
*Vice President*  
Government & Regulatory Affairs  
Office: (512) 478-6631  
Mobile: (512) 771-2583  
Email: [mruckel@txoga.org](mailto:mruckel@txoga.org)



**From:** [Patterson, Jacqueline \(patteji\)](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Letter of support for nomination of Dr. Sabine Lange  
**Date:** Monday, September 18, 2017 6:36:51 PM

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Dear Mr. Yeow:

I whole-heartedly recommend Dr. Sabine Lange, DABT for membership to the Clean Air Scientific Advisory Committee. I have known Dr. Lange for the past several years since she joined the Toxicology Division of the Texas Commission on Environmental Quality (TCEQ) and I have found her to be an insightful and thoughtful scientist. As a board-certified toxicologist with TCEQ, Dr. Lange assesses health effects data on pollutants to determine safe levels of these chemicals for human exposure. She also is the Section Manager of the Toxicology Division where she oversees TCEQ development of toxicity factors and chemical risk assessments.

I highly respect Dr. Lange's expertise in toxicology and risk assessment. She has training and experience in biochemistry and molecular biology, and has studied DNA damage and mutagenesis in multiple systems, using biochemical, cell culture, and animal models. While with TCEQ she has studied criteria air pollutants and in particular ozone dosimetry. Her technical experience would allow her to comprehend the complex science of air pollutants, and her practical experience in air permits and air pollution monitoring would provide an invaluable perspective to the CASAC deliberations. Dr. Lange listens well and carefully considers different viewpoints. She is adept at using systematic approaches to evaluating and presenting scientific evidence. These are essential attributes for committee work.

Most recently, I have worked with Dr. Lange to organize a session for the Society for Risk Analysis annual meeting that will explore the use of personal monitors and sensors to support risk assessment, particularly for air pollution in communities. I have found her to be enthusiastic in embracing the possibilities of new technologies and how they might contribute to risk assessment and public health protection.

Dr. Lange would make outstanding contributions to the CASAC and be an exceptional member. I strongly endorse her nomination. Feel free to contact me if I can be of further assistance.

Sincerely,

Jacqueline Patterson, M.En.  
Risk Science Center (formerly TERA Center)  
Department of Environmental Health  
College of Medicine  
University of Cincinnati  
160 Panzeca Way  
Kettering Laboratory, Room G24  
Cincinnati, OH 45267-0056  
Office: 513-558-1908  
[Jacqueline.patterson@uc.edu](mailto:Jacqueline.patterson@uc.edu)

**From:** [Kate Fay](#)  
**To:** [Yeow, Aaron](#)  
**Subject:** Letter of Recommendation: Larry Wolk CASAC  
**Date:** Tuesday, September 19, 2017 11:50:07 AM  
**Attachments:** [LarryWolkLtrCASAC.pdf](#)

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Please see attached and feel free to call either Bob Bemis or myself with questions. Also, please confirm receipt.

Thank you

Kate Fay

Please note my new email address: [kate.fay@nblenergy.com](mailto:kate.fay@nblenergy.com)

Kate Fay  
Manager, Environmental and Regulatory Policy  
Noble Energy, Inc.  
1625 Broadway, Suite 2200  
Denver, Colorado 80202

**303.910.2830 (cell)**  
720.587.2397 (office)

**From:** [Chris Frey](#)  
**To:** [Yeow, Aaron](#)  
**Cc:** [Zarba, Christopher](#)  
**Subject:** Public Comment on CASAC Nomination Process  
**Date:** Tuesday, September 19, 2017 12:00:25 PM

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September 19, 2017

RE: ENVIRONMENTAL PROTECTION AGENCY

[FRL-9961-83-OA] Request for Nominations of Candidates to the EPA's Clean Air Scientific Advisory Committee (CASAC) and the EPA Science Advisory Board (SAB)

Dear Mr. Aaron Yeow:

In the Federal Register notice on the above referenced request for nominations, the following statement is given: "Accordingly, the SAB Staff Office is seeking nominations of experts to serve on the CASAC who are physicians and members of the National Academy of Sciences with expertise in the health effects of air pollution."

This statement clearly indicates that nominations are sought only for are "physicians and members of the National Academy of Sciences with expertise in the health effects of air pollution." As worded, this seems to imply that nominations are limited to physicians who are also members of the NAS and whom have expertise in the health effects of air pollution.

If the Administrator wishes to consider any nominations that are not within this clear scope, there should be a new Federal Register notice that indicates the scope of nominations being sought.

Thank you for considering this comment.

Sincerely,

H. Christopher Frey, Ph.D.

North Carolina State University

Raleigh, NC 27695-7908